| - | 216 | A | | | | |
|-----|------|---------------|----|---------|---------|---|
| LAL | Rev. | Description | | Date | Approve | d |
| | A | ENGRG RELEASE | RE | 11-4-77 | Recom | a |

ENGINEERING RELEASE

THIS DOCUMENT CONTAINS 13 SHEETS

564-1(3/73)

Dist Code

SPG

Notes Unless Specified Xerox Corporation Drawn These drawings and specifications, and the data contained El Segundo, California therein, are the exclusive prop-Check erty of Xerox Corporation and/or Title 1. Tolerances Rank Xerox, Ltd. issued in strict Angular ±½0 .xx ±.03 ASSY, PRINTED WIRINGconfidence and shall not, without .xxx ±.010 the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, ept the manufacture of articles 2. Break All Sharp Edges CONTROL BOARD (2K) .010 Approx. (EXTENDED MEMORY) 3. Mach. Surfaces V Xerox Corporation or Rank 4. All Dim. in Inches. Aerox, Ltd. Size Dwg. No. Change Model No. First Use Code Ident. Finish Letter ALTO II 18338 216642 Α Next Assy. First Use 216647 Do Not Scale Drawing Sheet OF Scale

UNLESS OTHERWISE SPECIFIED NOTES:

- MAKE FROM ASSY, PW CONTROL BOARD (2K) P/N 216484 REV. B (ITEM 1). 1.
- THE FOLLOWING MODIFICATIONS ARE REQUIRED TO CONVERT CONTROL BOARD (2K), 2. ITEM 1, TO EXTENDED MEMORY CONTROL BOARD (2K).
 - CUT ETCH BETWEEN PIN 109 AND FEEDTHRU UNDER U9 (ETCH SIDE). 1) PIN 108 AND FEEDTHRU. (ETCH SIDE). 2) PIN 107 3) PIN 106 4) PIN 105 5) PIN 62
 - 6) CUT ETCH BETWEEN PIN 63 AND FEEDTHRU. (ETCH SIDE). 7)

9)

8)

10) ŢΟ ADD WIRE FROM U11-1 TO U11-2 U17-1. 11) U11-4 U17-2. U11-5 12) U17-3. U11-12 13) U11-11 U11-15 TO U17-5. U11-14 14) U11-8. U11-7 15) PIN 105. U11-316) PIN 106. 17) U11-6 U11-10 PIN 107. 18) PIN 108. U11-13 19) ADD WIRE FROM U16-15 TO PIN 109. 20)

22) 23) 24)

- 25) INSTALL MICROCIRCUIT, 74S00 (ITEM 2) IN LOCATION U11 PIN 1-7 AND 10-16. 26)
- RUBBER STAMP "ASSY 216642" .12 HIGH, WHITE CHARACTERS.
- RUBBER STAMP "EXTN MEM." .12 HIGH, WHITE CHARACTERS.

iese drawings and specifications, and the data conriese drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.

ASSY, PRINTED WIRING-CONTROL BOARD (2K) (EXTENDED MEMORY)

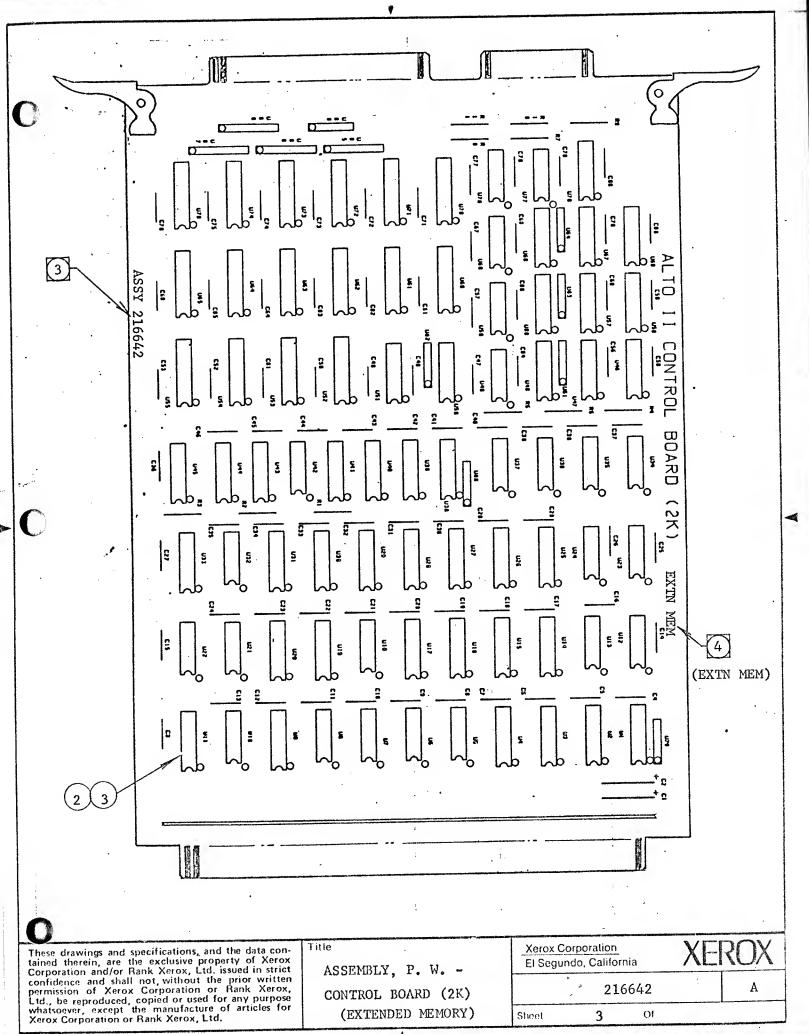
Xerox Corporation El Segundo, California

216642

Α

Sheet

Of

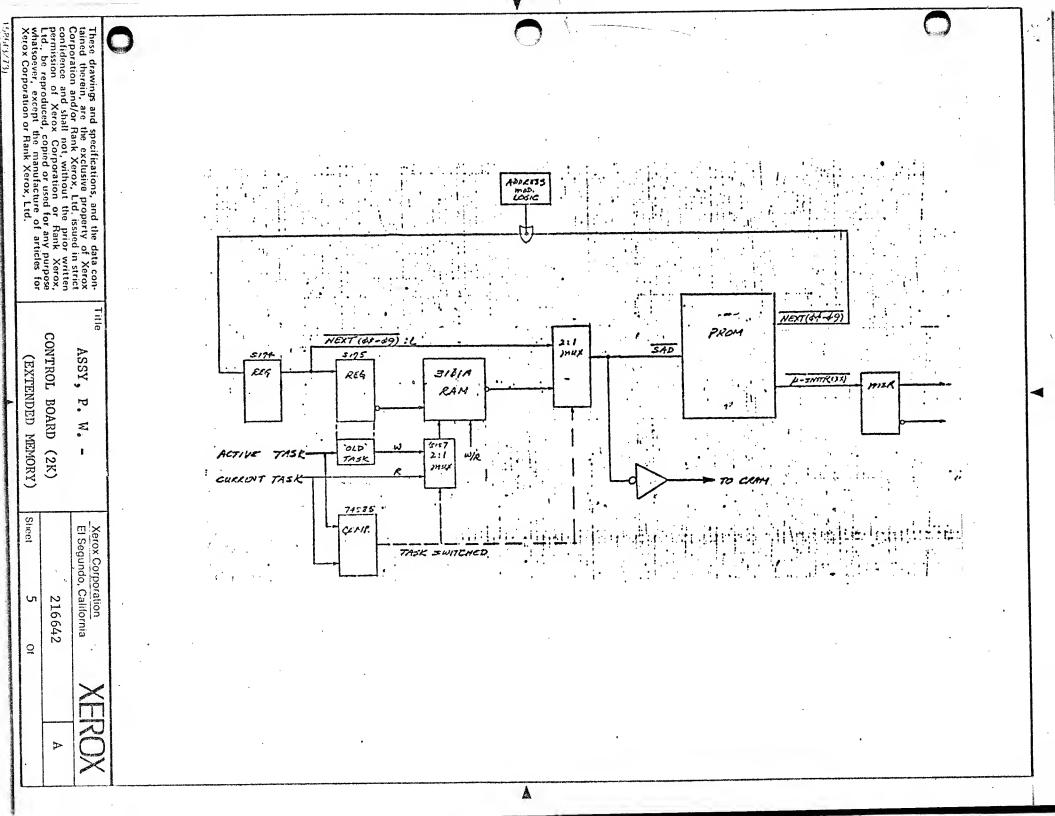


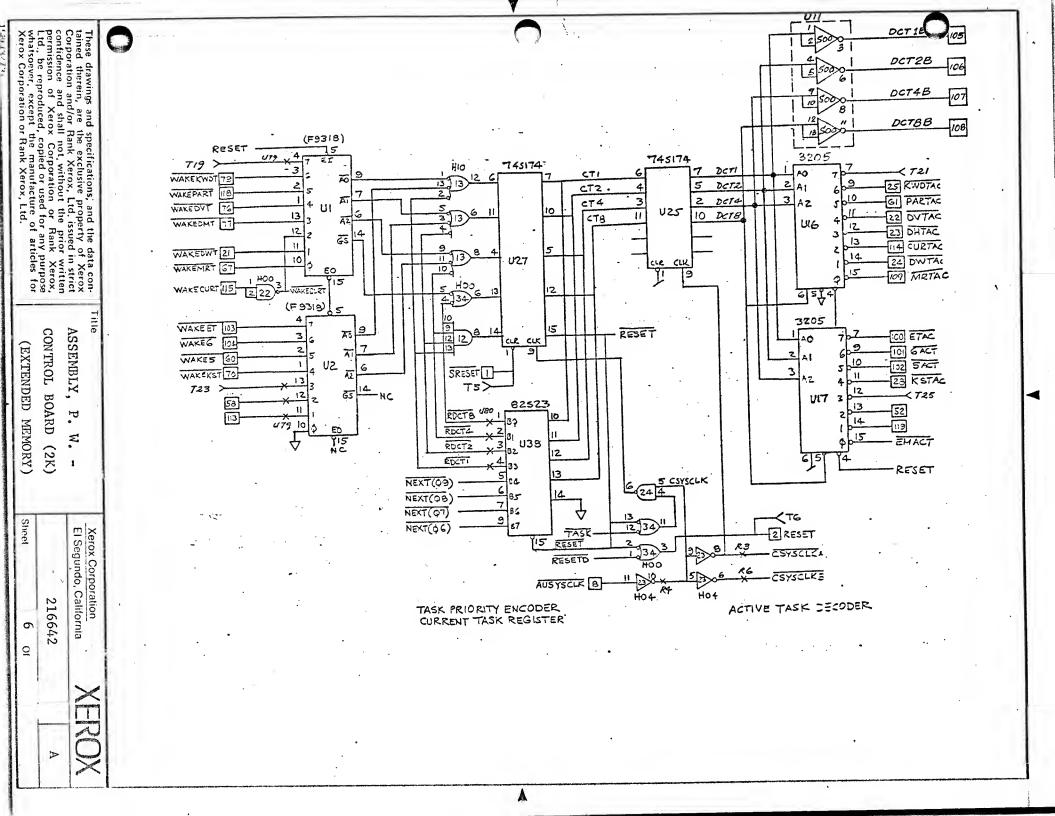
1586(3/73)

Xerox Corporation 701 South Aviation Boulevard El Segundo, California 90245 213 679-4511



| erial L | ist | • | • | - 1 | ML | Drawing N 21664 | +2 | Rev. | |
|-------------------|-------------------------------|-------------------|--|--|---|---|--------------------|-----------------------|--|
| Drawing | | be repr | drawings and spec the exclusive produced in strict ritten permission of oduced, copied or nufacture of article | used for a used for a s for Xero | , and Xerox ence a Corpor any pu ox Corp | the data of Corporation shall ation or Rairpose what or ation or ation or | tsoever Rank Xe | , except rox, Ltd. | |
| (EXTENDED MEMORY) | | Model No. ALTO II | | Date 11-2-77 | | 77 | Sheet 4 | et 4 Of | |
| Item No. | Drawing Title | | Drawing No. | No. Req | | Re | marks | | |
| 1 | Assy, PW - Control Board (2K) | | 216484 | 1 | | | | | |
| 2 | Microcircuit, 74S00 | | | 11 | (1 | J11 PIN | 1-7 | & 10- | |
| 3 | Socket Augat # 514-AG11D | | | 1 | U | 11 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | 1 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | + | | | | |
| | | | | | ┼ | | | | |
| لع | | | | | + | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | <u> </u> | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | - | | |
| | | | | | 1 | | | | |
| | | | | | | | | | |
| | | | | | 1 | | , | | |
| | | | | | +- | | | | |
| | | | | | + | | | | |
| ļ | | | | | | | | | |
| | | | | _ | | | | | |
| | | | | | | | | | |
| | | | | | - | - | | | |
| *** | <u> </u> | | | | | | | | |
| | | | | | | , | | | |
| | | | | | | | | | |
| | | | | | | | | | |





These drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox. DCTI 1018 TASK U15 D<u>C72</u> D<u>C74</u> 10 13 2018 48 RADZ 414 CSYSCLKA CTI CONTROL BOARD (2K) ASSEMBLY, P. 5 (EXTENDED MEMORY) # CT<u>4</u> CT8 .5M4 Σ. 10 A0 12 A1 13 A2 15 A3 15 A3 415 (A) Sheet Xerox Corporation
El Segundo, California 216642 \triangleright

74440 RESETA (3175 (3/3) '5174 (2 PL's) SAD (\$2) UBI SAU (13) NEAT (72) NEXT (\$2): R 5 12 12 NEXT(\$2) R 6 12 NEXT(\$2) R 10 A3 NEXT(\$4) R 10 A3 14 A4 NEXT(\$25) R 13 A4 15 [5AC (44) NOT/13) 14 U96 510(15) NETTO+) 15 NEXT (\$5) K NEJ1/3) 13 SADITA) 5 483 2 AI IY 3 EI 5 Az 2Y 6 Az US3 10 A3 3Y 14 A4 4Y 13 A4 कि जिल्ला - जिल्ला SAU(47) HETT(\$6) 39 NEXT(76) K CONTROL BOARD (2K) ASSEMBLY, SHELDE) NETTET) U57. NEXT(P7) U56 (EXTENDED MEMORY) NEXT (+3) K 12 5 HL (79) NEST(38) NEXT (35, K NEXT 19) 19 NEYTLY91.K **ب** SAD(30 2 A1 17 5 B1 5 B2 27 6 E2 U68 U64 NOT(31) 3 2 VEXT(41) R 3 ₹. 16 NEXT (PI): K SHEVE 12 5 NEXTEN R PCFS HEST (H) 14-NEXT (46) U67 466 10 refs PCBIF PC18 13 PCILF 25 FE 24 3 11,9 Sheet Xerox Corporation
El Segundo, California RAD 1 CS, SCIKE RA32 TASKEW RAZA RADB 216642 ∞ 0

ASSEMBLY, CONTROL BOARD (2K) (EXTENDED MEMORY) , d

×. 1

Xerox Corporation El Segundo, California

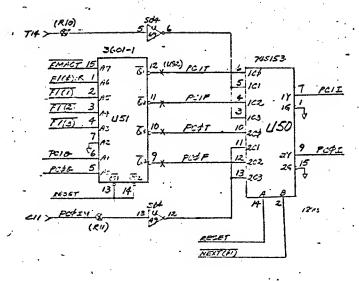
Sheet

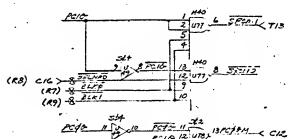
9

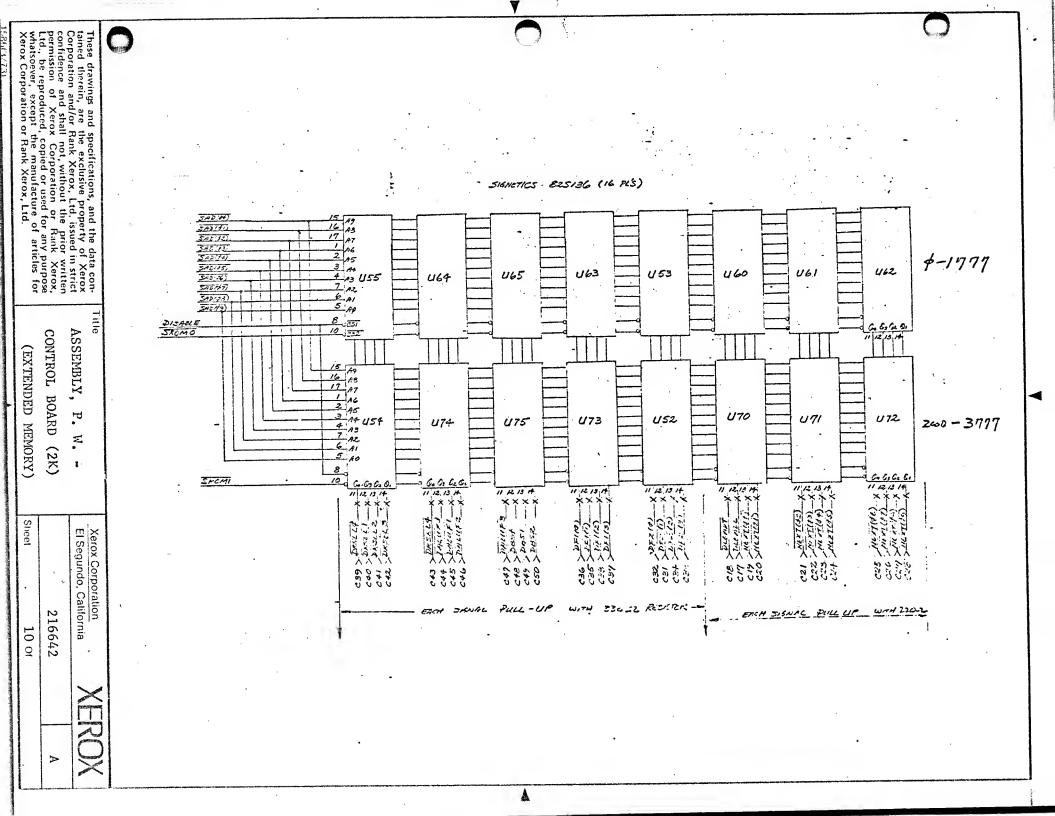
216642

564 (10KS) 5A3(91) 9 50 8 5AD(42) < C1 5AD(FI) 11 54 10 5AD(AI) < CZ 570 (12) 13 M 12 SAD (42) < C3 542(73) 1 59 2 SAD(\$3) < C4 5000 3 14 4 SADITA C5 SAD(45) < CL SAL(48) < C9 5AIF) 5 0 6 SAZ(49) < CIO

X EACH SIGNAL PULL-UP WITH 330 SL RESISTOR & EACH SIGNAL PULL-UP WITH IKIZ RESISTOR







These drawings and stained therein, are the Corporation and/or Reconfidence and shall permission of Xerox Ltd., be reproduced. 2FZ(3) 30 5 F2(2) DF2(2) 2 F2(1) ZFZ(1) 7 FZLFI:K DFZ(A) I3205 5 F/(3) IF/(3) 48 ICT8
47 RSMI
46 ISMI
110 6ICCK
7715K 38 > 19 10 F1/2: 1000 16 E3 5 52 4 E1 31 ASSEMBLY, CONTROL BOARD (2K) (EXTENDED MEMORY) 5 12 FICE) DFI(1) 10 F1(4):R DF1(\$) I3205 S ऋंड क EARTHOUSE EMPLHOUSE EMPL EXDATA 98 1117 96 1112 20 34 IBS# P. W. 43 20 2 BS1 LEGI 12 15 852 EUS = Z BUS = Z BERCRUS 2552 10 16 63 FALLE FA CSYSCLKA Sheet Xerox Corporation El Segundo, California 13 25 B 12 FORTAC DUCADL 18> 69 CCALT DLCADT 216642 Õ

15 N.C. 14 N.C. 13 N.C.

73-12 116 F2-11 51 F2-10

302

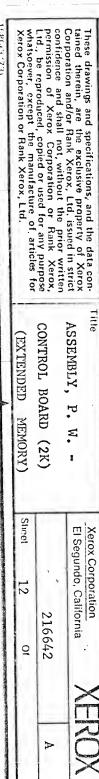
4815

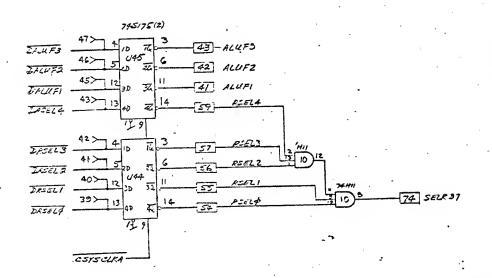
12 18

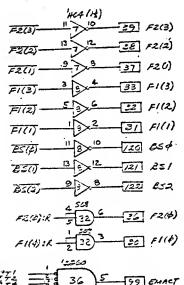
10

2 13 N.C

1 NE 5 NC. (805=4) 7 7 NC.







A

